

REMARKS

Claims 1, 5-6, 10, 12-15 and 21-23 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Chen (US 5,648,793) in view of Moon (US 5,825,343) and further in view of Wada et al. (JP 01-106,017), and claims 2-4, 7-9 and 11 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Moon and Wada et al. and further in view of Asada et al. (US 5,867,141). Applicant respectfully traverses these rejections on grounds that the applied references, whether taken singly or combined, fail to teach or suggest the combination of features recited by the amended independent claims 1, 5 and 10, and hence dependent claims 3, 4, 8, 9 and 12-14

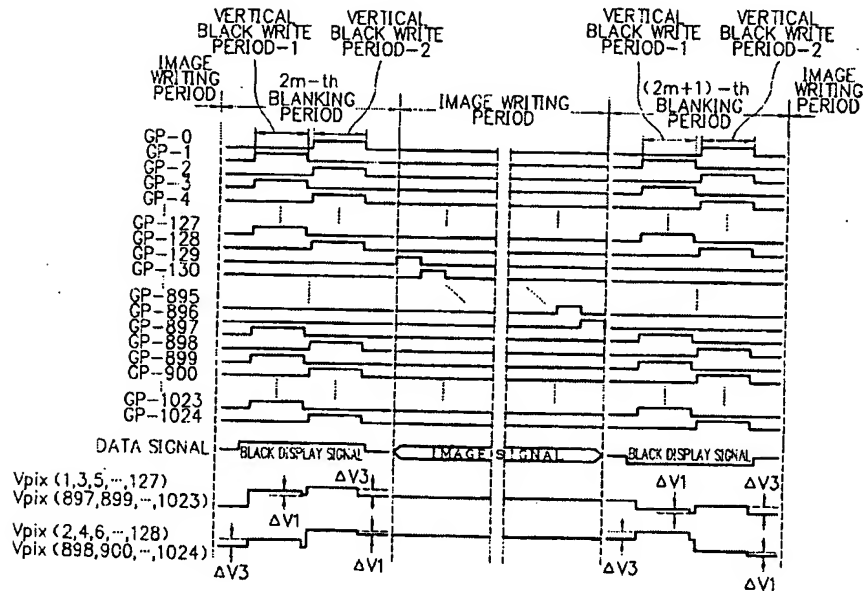
Independent claim 1 recites a method of driving a liquid crystal display panel of dot inversion system including, in part, “wherein the liquid crystal cells connected to only first and second gate lines of the plurality of gate lines are supplied with active data signal after the liquid crystal cells connected to only the first and second gate lines were charged in advance with data signal at every frame with data signal applied at a blanking interval” (*Emphasis added*).

Similarly, independent claim 5, as amended, recites a driving apparatus for liquid crystal display panel of dot inversion including, in part, “wherein the liquid crystal cells connected to only first and second gate lines of the plurality of gate lines are supplied with active data signal after the liquid crystal cells connected to only the first and second gate lines were charged in advance with data signal at every frame with data signal applied at a blanking interval” (*Emphasis added*).

Similarly, independent claim 10, as amended, recites a device for driving a liquid crystal display panel including, in part, “wherein the liquid crystal cells connected to only first and second gate lines of the plurality of gate lines are supplied with active data signal after the liquid crystal cells connected to only the first and second gate lines were charged in advance with data signal at every frame with data signal applied at a blanking interval”(*Emphasis added*).

According to the claimed invention, the liquid crystal cells connected to only the first and second gate lines among the plurality of the gate lines are charged in advance at every frame with data signal applied at a blanking interval. Also, the liquid crystal cells connected to only first and second gate lines of the plurality of gate lines are supplied with active data signal after the liquid crystal cells connected to only the first and second gate lines were charged in advance with data signal at every frame with data signal applied at a blanking interval.

In contrast to Applicant’s claimed invention, Asada et al. explicitly teaches that all scan lines including first and second scan lines are selected in blanking period as shown Fig. 5 and the specification (Col. 5, lines 18-38). Therefore, that all the liquid crystal cells connected to the all scan lines are charged in the blanking period.



[Fig. 5 in Asada]

Thus, Asada et al. is completely silent with regard to the feature of “the liquid crystal cells connected to only first and second gate lines of the plurality of gate lines are supplied with active data signal after the liquid crystal cells connected to the only first and second gate lines were charged in advance with data signal at every frame with data signal applied at a blanking interval.” Therefore, Mano et al. fails to teach or suggest “the liquid crystal cells connected to only first and second gate lines of the plurality of gate lines are supplied with active data signal after the liquid crystal cells connected to the only first and second gate lines were charged in advance with data signal at every frame with data signal applied at a blanking interval” as required by independent claims 1, 5 and 10.

For the above reasons, Applicant respectfully asserts that the rejections under 35 U.S.C. § 103(a) should be withdrawn because none of the applied prior art references, whether taken individually or in combination, teach or suggest the novel combination of

features clearly recited in amended independent claims 1, 5 and 10, and hence dependent claims 3, 4, 8, 9 and 12-14, respectively.

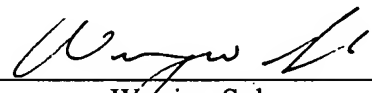
CONCLUSION

In view of the foregoing amendments and remarks, Applicant respectfully requests the reconsideration and the timely allowance of the pending claims. Should the Examiner believe that there are any issues outstanding after consideration of this response, the Examiner is invited to contact Applicant's undersigned representative to expedite prosecution.

If there are any other fees due in connection with the filing of this response, please charge the fees to our Deposit Account No. 50-0310. If a fee is required for an extension of time under 37 C.F.R. § 1.136 not accounted for above, such an extension is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

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